



## **Memorandum**

**To:** Honorable Mayor Maso and Members of the Frisco City Council

**cc:** George Purefoy, City Manager  
Ron Patterson, Assistant City Manager  
Elizabeth Metting, P.E., Asst. Director/City Engineer

**From:** Jason Brodigan, P.E., Senior Civil Engineer

**Date:** May 19, 2009

**Subject:** Consider and act upon adoption of a Resolution authorizing the City Manager to execute a Amendment Number One to the Professional Services Agreement by and between the City of Frisco and The Transtec Group, Inc. for the Development of Pavement Design Catalog, Details, and Specifications. (Engineering/JB)

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**Action Requested:** Consider and act upon adoption of a Resolution authorizing the City Manager to execute Amendment Number One to the Professional Services Agreement by and between the City of Frisco, Texas and The TransTec Group, Inc. of Austin, Texas in the amount of \$25,400 for the Development of Pavement Design Catalog, Details, and Specifications.

**Background Information:** The TransTec Group, Inc. (TransTec) is an engineering consulting firm which specializes in pavement design. The City Council authorized the City Manger to sign a Professional Services contract for TransTec to provide a Pavement Design Catalog, Details and Construction Specifications for the construction of concrete pavement in the City of Frisco at the August 15, 2008 City Council meeting. The Pavement Designs and Details currently being utilized were not developed as a result of a detailed engineering study. This study, along with the west side geotechnical subgrade investigation study already completed and the east side study currently ongoing, will provide the engineering data required to properly design durable pavements which require minimal maintenance.

Amendment Number One amends the contract to include the investigation of two additional items, performance based specifications and warranties. Currently, the City of Frisco requires the contractor to supply concrete mix designs which are

checked to verify that the mix design meets specifications. A performance based specification only requires that the final product meets strength specifications. Performance based specifications often lead to cost savings as concrete suppliers will search for the most cost effective ways to meet the strength requirements. Warranties are used along with performance based specifications to ensure the contractor supplies a quality, yet durable product. Transtec will utilize their experience and evaluate other agencies that use performance based specification and warranties to provide a recommendation on possible use in the City of Frisco. The cost of Amendment Number One is \$25,400, bringing the total contract to \$62,550.

**Alternatives:** City Council could consider the following alternatives:

- Approval of a Resolution authorizing the City Manager to execute the Professional Services Agreement by and between the City of Frisco and The TransTec Group, Inc.;
- Input towards the discussion as desired;
- Deny approval of the Resolution and send back to staff with direction.

**Financial Considerations:** Staff recommends that funding for the Professional Services come from the FY 2009 Departmental Operating Budget. Funding was allocated for these Professional Services in the Engineering Services Department FY 2009 Operating Budget.

**Legal Review:** The Resolution and Amendment to the Professional Services Agreement have been reviewed and approved by the City Attorney's Office as to form and legality.

**Supporting Documents:** Supporting documents include the following items:

- Copy of Amendment Number One to the Professional Services Agreement;
- Copy of Resolution.

**Staff Recommendation:** Staff recommends approval of a Resolution authorizing the City Manager to execute a Professional Services Agreement by and between the City of Frisco and The TransTec Group, Inc. to produce Pavement Designs, Details, and Construction Specifications for the construction of concrete pavement for the City of Frisco in the amount of \$25,400. Staff will be present at the meeting to address the City Council's questions relating to this agenda item.